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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/445,004	12/03/1999	RISTO FORSSTROM	3397-84PUS	9344

7590 01/21/2004

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NEW YORK, NY 10176

EXAMINER

PARADISO, JOHN ROGER

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 01/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/445,004

Applicant(s)

FORSSTROM ET AL.

Examiner

John R. Paradiso

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 May 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 6 and 8-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6 and 8-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All   b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_                      6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 5/21/2003 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 6 and 8-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over HOOPER ET AL (US 5642600) in view of REBA ET AL (US 3999696) and MIYAKE (US 5947408).

HOOPER ET AL discloses a wrapping machine and method in which a supply roll (WP) of paper is rolled out and the web falls onto the wrapping surface (shown in Fig. 2, read in part as the beginning of the output conveyor) and is used to wrap articles.

HOOPER ET AL does not specifically disclose the leading edge of the web being guided to the drawing rollers by an air nozzle or the supply roll being turned in a reverse direction until the leading edge is sensed on the table.

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REBA ET AL discloses a method of threading a web in which an air nozzle (84) blows air between a working surface (42) and the leading edge of a web (20) in order to guide it. (See REBA ET AL Figure 1.)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use an air nozzle, as taught by REBA ET AL, in the invention of HOOPER ET AL in order to guide the leading edge of the web onto the table and to the wrapping means without manual aid and without using more physical means that could crimp or damage the web.

The combination of HOOPER ET AL and REBA ET AL does not disclose the supply roll being turned in a reverse direction until the leading edge is sensed on the table.

MIYAKE discloses a threading system in which a supply roll (40) is rotated opposite its feed direction until the leading edge of the web is sensed by sensors (55) on the flowpath table (58) side. The supply roll is then turned in a feed direction.

It would also have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination of HOOPER ET AL and REBA ET AL to turn the supply roll in a reverse direction until the end is caught by the air flow, as taught by MIYAKE, in order to allow for a more timely start to the process.

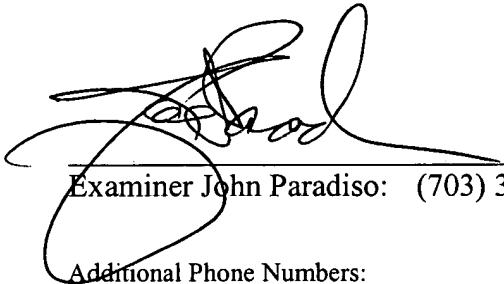
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*Conclusion*

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Paradiso. The examiner can normally be reached Monday-Friday, 9:30 p.m. – 6:00 p.m. (ET).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada, can be reached at the number listed below.

Any inquiry of a general nature or relating to the status of this application should be directed to the 3700 Technology Center Receptionist.

  
Examiner John Paradiso: (703) 308-2825

January 12, 2004

Additional Phone Numbers:

Supervisor Rinaldi Rada: (703) 308-2187  
TC 3700 Receptionist: (703) 308-1148  
Customer Service: (703) 306-5648  
Fax (directly to Examiner) (703) 746-3253  
Fax (Official): (703) 872-9306